



NOTES:

1. AFTER A MINIMUM OF SIX INCH BACKFILL ENVELOPE HAS BEEN COMPACTED AROUND THE NEWLY INSTALLED CONDUIT AND FILTER FABRIC HAS BEEN INSTALLED, THE REMAINDER OF THE TRENCH SHALL BE BACKFILLED WITH EXCAVATABLE FLOWABLE FILL UP TO THE SUBGRADE ELEVATION.
2. MATERIAL TO BE COMPACTED IN 6" LAYERS OR AS DIRECTED BY THE ENGINEER. COMPACT MATERIAL TO - 95% MAX. DRY DENSITY UNDER PAVEMENTS, 90% UNDER GRASSED AREAS.
3. A MINIMUM EIGHT INCH DEPTH OF COMPACTED PROCESSED AGGREGATE BASE SHALL BE INSTALLED FOR ROAD BASE (EIGHT INCHES IS THE MINIMUM DEPTH, IF THE EXISTING ROAD BASE IS DEEPER, THE DEEPER BASE SHALL BE MATCHED).
4. EXISTING PAVEMENT SHALL BE CUT BACK 12" MINIMUM (OR AS DIRECTED) FROM THE TRENCH TO MAKE A NEAT CLEAN SQUARE JOINT AND OVERLAY ORIGINAL ROAD BASE.
5. A HOT POURED RUBBER COMPOUND JOINT SEALER SHALL BE APPLIED TO THE CLEAN SQUARED EDGES.
6. A HOT BITUMINOUS CONCRETE MIX SHALL BE APPLIED IN TWO, TWO INCH (MINIMUM DEPTH) ROLLED LIFTS.
7. FOUR INCHES IS THE MINIMUM PAVEMENT DEPTH, IF THE EXISTING PAVEMENT DEPTH IS THICKER (I.E. NINE INCHES), THEN THE PAVEMENT REPAIR DEPTH REQUIRED IS ALSO NINE INCHES.
8. A 1 1/2 - 2 TON (MINIMUM) ROLLER IS REQUIRED FOR EACH LIFT. THE FINAL LIFT SHALL BE EVEN WITH THE EXISTING PAVEMENT AND CROSS ROLLED IN ADDITION TO THE NORMAL ROLLING AFTER FINAL ROLL.
9. JOINT SEALER SHALL BE APPLIED ALONG THE JOINT AND EDGES TO CLOSE ANY REMAINING VOIDS AND SEAL EDGES. A STONE DUST SHALL BE APPLIED PRIOR TO OPENING TO TRAFFIC.

EXCAVATABLE FLOWABLE CONCRETE FILL SHALL CONFORM TO MDC (METROPOLITAN DISTRICT) STANDARD SPECIFICATION 2.03 FOR CONTROLLED LOW STRENGTH MATERIAL (CLSM). CLSM USED AS BACKFILL SHALL BE COMPRISED OF A MIXTURE OF PORTLAND CEMENT, COARSE AGGREGATE, FINE AGGREGATE AND WATER. MATERIALS, METHODS OF PREPARATION, AND PLACEMENT TECHNIQUES SHALL COMPLY WITH THE REQUIREMENTS SPECIFIED IN SECTION 03301 AS FOR CONCRETE. MIX SHALL RESULT IN A FLOWABLE MATERIAL WITH A 28-DAY COMPRESSIVE STRENGTH OF APPROXIMATELY 60 PSI. RECOMMENDED MIX SHALL BE AS FOLLOWS:

PORTLAND CEMENT	40 LBS/CY
COARSE AGGREGATE	1700 LBS/CY
FINE AGGREGATE	1900 LBS/CY
WATER	325 LBS/CY, OR AS NEEDED

BACKFILL WITH BEDDING MATERIAL
 BEDDING MATERIAL - 6" IN EARTH AND 12" MIN. IN ROCK

PERMANENT PAVEMENT TRENCH REPAIR DETAIL

Date: MARCH 2018	Designed By: JC	Drawn by: DTN
Scale: NTS	Checked By: JC	Sheet No.: 1 OF 1

REVISIONS			
NO.	BY	DATE	DESCRIPTION